Biography

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Mr. Jay E. Dryer

Director of the Fundamental Aeronautics Program Office

As the director of the Fundamental Aeronautics Program Office, Mr. Dryer is responsible for the overall planning, management and evaluation of the directorate's efforts to conduct high-quality, cutting-edge fundamental aeronautics research across all flight regimes from subsonic through hypersonic. In addition, he supports the associate administrator in a broad range of mission directorate activities, including strategic and program planning; budget development; program review and evaluation; and external coordination.

Previously, Dryer was senior technical advisor for the directorate. He was responsible for the technical oversight of all ARMD programs and projects including establishing a top level architecture, requirements and budgets, allocation of program and project responsibilities, program technical reviews and research activities. Dryer was also in charge of the directorate's extensive NASA Research Announcement (NRA) process.

Before joining NASA, he worked with Arion Systems and SRA International providing technical support to the Defense Advanced Research Projects Agency (DARPA). His work included research in rotorcraft for the DARPA Helicopter Quieting Program significant planning for the 2004 DARPA Grand Challenge program, an innovative autonomous vehicle race in the desert.

During the 1990s, Dryer served in the U.S. Navy's Nuclear Submarine Force, the Deep Submergence Unit, and Development Squadron Five, specializing in development and operation of unmanned aerial and submersible vehicles. He directed the unmanned submersible vehicle that located the wreck of the U.S.S. Yorktown from World War II, and he also commanded the last survey missions to the sites of the lost U.S.S Thresher and U.S.S Scorpion submarines.

Dryer holds a Bachelor of Science degree in systems engineering from the U.S. Naval Academy and a Masters of Science degree in ocean engineering from Massachusetts Institute of Technology.